

ABSTRACT

An ultrasonic dental insert for an ultrasonic dental tool is provided. The ultrasonic dental insert includes a transducer, a connecting body, a hand grip, at least one O-ring and a removable tip. The transducer generates ultrasonic vibrations. The connecting body has a proximal end attached to the transducer and a distal end. The distal end has an engagement portion formed thereon. The hand grip envelopes at least a portion of the connecting body. At least one O-ring is for shock absorption, and is mounted between the connecting body and the hand grip and around the engagement portion. The removable tip engages the engagement portion.

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